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# PATENT COOPERATION TREATY

## **PCT**

### INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Rec'd PRYPTO 295EP 2004

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Applicant's or agent's file reference OPP040318KR	FOR FURTHER ACTION as well	see Form PCT/ISA/220 as, where applicable, item 5 below.					
International application No.	International filing date (day/month/year)	(Earliest) Priority Date (day/month/year)					
PCT/KR2004/000600	19 MARCH 2004 (19.03.2004)	26 MARCH 2003 (26.03.2003)					
Applicant							
7.555.000.1							
LG CHEM, LTD. et al							
This International search report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.							
This international search report consists of a							
It is also accompanied by a cop	by of each prior art document cited in this report						
Basis of the report     a. With regard to the language, the international search was carried out on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.							
The international search was carried out on the basis of a translation of the international application furnished to this Authority (Rule 23.1(b)).							
b. With regard to any nucleotide and/or amino acid sequence disclosed in the international application, see Box No. I.							
2. Certain claims were found un	nsearchable (See Box No. II)						
3. Unity of invention is lacking	(See Box No. III)						
4. With regard to the title,							
X the text is approved as submitte	ed by the applicant.	·					
the text has been established by this Authority to read as follows:							
	·						
5. With regard to the abstract,							
X the text is approved as submitted	-	Day No. 11. The configuration					
	ccording to Rule 38.2(b), by this Authority as i						
may, within one month from the	ne date of mailing of this international search re	bort, submit comments to this Authority.					
6. With regard to the drawings,							
a. the figure of the drawings to be pul	olished with the abstract is Figure No.	<del></del>					
as suggested by the applicant.							
because the applicant fail							
	characterizes the invention.						
b. none of the figure is to be publ	lished with the abstract.						

#### INTERNATIONAL SEARCH REPORT

International application No. PCT/KR2004/000600

#### A. CLASSIFICATION OF SUBJECT MATTER

IPC7 B01J 37/00

According to International Patent Classification (IPC) or to both national classification and IPC

#### B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols) B01J, C07C

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Korean Patents and applications for inventions since 1975

Korean Utility models and applications for Utility models since 1975

Japanese Utility models and applications for Utility models since 1975

Electronic data base consulted during the intertnational search (name of data base and, where practicable, search terms used) eKIPASS

#### C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	JP 2002-316047 A (Toagosei Co., Ltd.) 29 October 2002 see the whole document	1 - 5
Α	US 5,144,090 A (Mitsui Toatsu Chemicals, Inc.) 01 September 1992 see the whole document	1 - 5
Α	JP 1999-057476 A (Mitsubishi Rayon Co., Ltd.) 02 March 1999 see the whole document	1 - 5
Α	US 5,602,280 A (Sumitomo Chemical Co., Ltd.) 11 February 1997 see the whole document	1 - 5
	1	

	Further documents are listed in the continuation of Box C.	X See patent family annex.
*	Special categories of cited documents:	"T" later document published after the international filing date or priority
"A"	document defining the general state of the art which is not considered to be of particular relevance	date and not in conflict with the application but cited to understand the principle or theory underlying the invention
"E"	earlier application or patent but published on or after the international filing date	"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive
"L"	document which may throw doubts on priority claim(s) or which is	step when the document is taken alone
	cited to establish the publication date of citation or other special reason (as specified)	"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is
"O"	document referring to an oral disclosure, use, exhibition or other means	combined with one or more other such documents, such combination being obvious to a person skilled in the art
*P"	document published prior to the international filing date but later than the priority date claimed	"&" document member of the same patent family
Date	of the actual completion of the international search	Date of mailing of the international search report
	06 JULY 2004 (06.07.2004)	06 JULY 2004 (06.07.2004)
Nan	ne and mailing address of the ISA/KR	Authorized officer

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## INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No. PCT/KR2004/000600

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
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